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REMARKS

Claims 1-20 are amended herein. Claims 1-20 remain in the application. No new matter has been added. Consideration and examination is respectfully requested.

1. ALLOWABLE SUBJECT MATTER (OBJECTION TO CLAIMS 11-20):

In items 5 and 6 on page 5 of the Office Action dated 30 April 2004 (Paper No./Mail Date 0404) referred to hereinafter as the Office Action of 30 April 2004, claims 11-20 were objected to as "being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims." Applicant respectively traverses the objection. However, to overcome the objection of the Office Action of 20 April 2004, claims 11 and 12 have been rewritten so as to include the limitations of their base claim (claim 1) as written prior to the present Amendment. There were no intervening claims. Thus, Applicant has overcome the objection of the Office Action of 30 April 2004 to claims 11 and 12, and claims 11 and 12 are allowable.

In addition, because dependent claims 13 and 14 each depend from independent claim 12 which is allowable, it follows that Applicant has overcome the objection of the Office Action of 30 April 2004 to claims 13 and 14 and that dependent claims 13 and 14 are also allowable.

Because dependent claims 15, 17, 19, and 20 each depend from independent claim 12 via dependent claim 14, both of which are allowable, it follows that Applicant has overcome the objection of the Office Action of 30 April 2004 to claims 15, 17, 19, and 20 and that dependent claims 15, 17, 19, and 20 are also allowable.

Because dependent claim 16 depends from independent claim 12 via dependent claims 15 and 14, both of which are allowable, it follows that Applicant has overcome the objection of the Office Action of 30 April 2004 to claim 16 and that dependent claim 16 is also allowable.

Because dependent claim 18 depends from independent claim 12 via dependent claims 17 and 14, both of which are allowable, it follows that Applicant has overcome the objection of the Office Action of 30 April 2004 to claim 18 and that dependent claim 18 is

also allowable.

2. REJECTION OF CLAIMS 1-7 & 9-10 UNDER U.S.C. § 102(b):

In item 2 on page 2 of the Office Action of 30 April 2004, claims 1-7 and 9-10 were rejected under 35 U.S.C. § 102(b) as being anticipated by Huang in U.S. Patent Number 6,091,253 entitled "Jig for Electrically Bridging Between a Circuit Board and a Tester During Testing of the Circuit Board" hereinafter *Huang*. Applicant respectively traverses.

As stated in MPEP 2131 "To anticipate a claim, the reference must teach every element of the claim." As will be shown in the following paragraphs, *Huang* fails to teach every element of claims 1-7 and 9-10.

Regarding Rejection of Independent Claim 1 Under 35 U.S.C. § 102(b):

Among other items, *Huang* does not disclose "multiple alignment pins imbedded in the housing and extending external to both first and second sides" which is an element of claim 1 of the Present Application. In the last paragraph of the Office Action of 30 April 2004 it is alleged that in *Huang* "(414, 211P2, the pins 211P2 is extending from the surface of electronic probe 200 into the guide holes 411 and to hole 11, therefore it is embedded in housing 400)". Referring to The American Heritage College Dictionary (Third Edition): Houghton Mifflin Company, Boston, page 448 (1993) (See Exhibit A), the first definition of the verb embed (variation: embed) is "to fix firmly in a surrounding mass; to embed a post in concrete" and the third definition is "To cause to be an integral part of a surrounding whole." Note, for example, that in the Present Application in lines 17-19 on page 7 the pins are imbedded as follows: "In the representative embodiment of Figure 3A, the alignment/retention device 110 is shown with four alignment pins 180 molded into the housing 155 of the alignment/retention device 110 ... ". The pins do NOT move within the housing, they are imbedded as defined in Exhibit A and as used in claim 1 of the Present Application. The Office Action of 30 April 2004 incorrectly uses the verb embed to mean sliding pins into holes. A pin free to slide within a hole is not the same as a pin being imbedded in or integrally a part of a housing.

Thus, Applicant has demonstrated that *Huang* fails to teach every element of claim 1. Because *Huang* fails to teach every element of claim 1 as required by MPEP 2131, *Huang* does not anticipate claim 1. In addition, *Huang* fails to suggest every element of claim 1.

Thus, claim 1 is allowable over *Huang*.

Regarding Rejection of Dependent Claims 2-7 & 9-10 Under 35 U.S.C. § 102(b):

Because dependent claims 2-7 and 9-10 depend from independent claim 1, it is noted that dependent claims 2-7 and 9-10 have all the features described above for independent claim 1 as elements. As demonstrated above, independent claim 1 is not anticipated by *Huang*, nor does *Huang* suggest every element of claim 1.

Thus, claims 2-7 and 9-10 are not anticipated by *Huang*, nor does *Huang* suggest every element in each of claims 2-7 and 9-10, and it follows that claims 2-7 and 9-10 are allowable over *Huang*.

3. REJECTION OF CLAIM 8 UNDER 35 U.S.C. § 103(a):

In item 4 on page 4 of the Office Action of 30 April 2004, claim 8 was rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over *Huang*. Applicant respectfully traverses.

Referring to MPEP 2142, "To establish a *prima facie* case of obviousness, three basic criteria must be met. First, there must be some suggestion or motivation, either in the references themselves or in the knowledge generally available to one of ordinary skill in the art, to modify the reference or to combine reference teachings. Second, there must be a reasonable expectation of success. Finally, the prior art reference (or references when combined) must teach or suggest all the claim limitations."

Regarding Rejection of Claims 8 Under 35 U.S.C. § 103(a):

With respect to the rejection of claim 8 under 35 U.S.C. § 103(a), it is noted that dependent claim 8 depends from independent claim 1 via claim 7 and that, as such, dependent claim 8 has all the features described above for claim 1 as elements. As demonstrated above, among other items, *Huang* does not disclose "multiple alignment pins imbedded in the

housing and extending external to both first and second sides" which is an element of claim 1 of the Present Application.

Thus, the cited reference does not teach nor does it suggest all the claim limitations of claim 8 as required by MPEP 2142. As such, claim 8 is not obvious over *Huang*, and it follows that claim 8 is allowable.

4. IN CONCLUSION:

Entry of this amendment is respectfully requested. Applicant believes that all claims pending in the Present Application as described above are allowable and that all other issues raised by the Examiner have been rectified. Therefore, Applicant respectfully requests the Examiner to reconsider his rejections and to grant an early allowance.

Respectfully submitted,

Morley C. Tobey, Jr.

Reg. No. 43,955

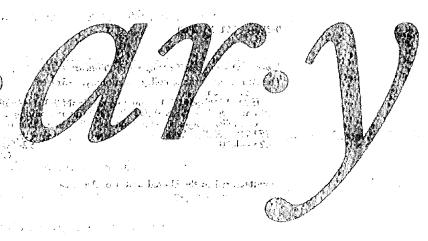
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EXHIBIT A

OIPE CO

THE AMERICAN HERITAGE COLLEGE DICTIONARY

THIRDEDITION





Boston • New York



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CIP

Manufactured in the United States of America

1 1 gay

wash out. See EUM.] — e-lu/u/al (-a)) adj.

:-See glass eel. [Alteration of eel/are, a brood
I. of ell.

d. Nat. of elfsh.

f. A region of E-central England with extensive
[he city of Ey (pop. 10,268) is noted for its

ig from the 11th cent.

-3. A city of N OH WSW of Cleveland; see-

op. 56,746. (on) adj. 1. Gk. Myth. Of or relating to Ely-

w. Gengaru.

"" G. Myth.

"" G. Myth.

"" G. Myth. The abode of the blessed dead.

"" G. Myth. The Elysian

"" G. Toordition of ideal happiness. [Lat. Elysian

"" G. Or condition of ideal happiness. [Lat. Elysian

"" G. Myth.

eletter m. 2. Print. a. The width of a square sed as a unit of measure for matter set in that Such a measure for 12-point type; a pica. tromagnetic. 2. Electron microscope. 3. En-

eer of Mines.

formal. Them. [< ME hem < OE him, heom, intr.v. -at-ed, -at-ing. or become extremely thin, as by starvation sative pl. of hē, he. See на¹.] mā'shē-āt') tr. & intr.v. -г

enacial:: c., ex., intensive pref.; see ex. + e thin (< macer, thin; see māk-").] — e:ma' or e-mail Comp. Sci. See electronic mail

and send electronic mail. E-mail Ing. E-mails or e-mailed or e-mail

(the 's-linggen's) n. Pl. of Illangen', s-nat' int. ce tru. -nat-ed. -nat-ing, or send forth, as from a source. See Syns at dudre, entitle, to flow out: \(\varepsilon\), ex. \(\varepsilon\) = \text{ent}' \(\varepsilon\) and the adj.

| \(\varepsilon\) = \text{ent}' \(\varepsilon\) and the adj.
| \(\varepsilon\) = \text{ent}' \(\varepsilon\) and source; an emis| \(\varepsilon\) = \text{ent}' \(\varepsilon\) as source; an emis| \(\varepsilon\) and source; and \(\varepsilon\) and source; and \(\varepsilon\) and source; and \(\varepsilon\) and \(

e from bondage, oppression, or restraint; To release (a child) from the control of par-n. [Lat. émancipâre, émancipâre, ex-, exownership (< manceps, purchaser; sec man'ci·pa'ttve,

o'ry (-pɔ-tör'ċ, -tör'ċ) adj. — e·man'ci·pa'ttve, (I-man/sa-par') tr.v. -pat-ed. -pat-ing

— e-mar'gi-na'tton (nā'shən) n. mās'kyə-lāt') & n. -lat-ed, -lat-ing, -lates. -To deprive of strength or vigor; weaken. mär'jə-nit, -nāt') adj. Bor. Having a shaltip. [Lat. emarginatus, p.part. of emarginare, away : e., ex., ex. + margo, margin., mar-

rived of virility, strength, or vigor. [Lat. cular.: e, ex., ex. + masculus, male, dim. in.] — e-mas/cu-la/ton n. — e-mas/cucu-la to'ry (-la tôr'č, -tôr'č) adj. - e. −e-mas/α

1) tr.v. -balmed. -balm · ing. -balms. 1. To ith preservatives in order to prevent decay. In change or oblivion; preserve or fix. 3. To to; perfume. [ME embaumen < OFr. em-·balm/ment n.

arthor stone built to hold back water or n-bangk/ment) n. 1. The act of embanking. ;k') tr.u. -banked, -bank ing. -banks. or protect with an embankment.

r/86) n., pl. goes. 1. A government order wement of merchant ships into or out of its bition by a government on certain or all

vice. 3. An allegorical picture usu, inscribed with

mence. [Fr. embarquer : en., in; see $EN^{-1} + barque_{i}$ $EN^{-1} + barque_{i}$ $EN^{-1} - Em'$ bar EN^{-1} em. EN^{-1} barrare, to block, bar : irr., in (< Lat.; see ex.11.+
barra, bar.] - em.bar/rassed-iy adv. - em.bar.

Ing. y acu.

em-bar-vasc.ment (im-bar/ss-mant) n. 1. The act or stance of embarrassing. Z. The state of being embarrassing. S. As source of embarrassment. 4. An overshundance embassage (im-ba-sij) n. Archaic. An embassy. Misc ambassade, poss. The control of an ambassade, poss. The ambassade control of a managed of the control of

em·bas-sy (en·b-se) m. pl. sles. 1. A building control of control

ambassy, office or function of an ambassador < obsolence of the control o em bay (em-ba'/) tr.v. -bayed, -bay ing. -bays. To pure the or detain in a bay

or detain in a bay.

em-bay-ment (ëm-ba'mant) n. 1. A bay or baylike.

Z. The formation of a bay.

em-bed (ëm-bèd') also im-bed (im-) - v. bed-ded
ding.-beds. - r. 1. To fix firmly in a surrounding

wings were a part in concerce. 2. To enclose snugly of time cause to be an integral part of a surrounding whole cause to be an integral part of a surrounding whole cause to be an integral part of a surrounding whole cause to be concended that the control of the control of the control of the control of the cause of the control of the cause of the control of the cause of the cause

em-bez-zle (m-bez/ s) tr.u.-zled, -zling, -zles. To uten ey, for example, for one's own use in violation of a urse embesilen < AN embesilen : OFr. en, intensive pref. Ex. + OFr. besillier, to ravage.] – em-bez/zle-ment læg, day; see DAY.

bitter in flavor. 2. To arouse bitter feelings in was embitter in flavor. 2. To arouse bitter feelings in was embitter in flavor. 2. To arouse bitter feelings in was embitter flavor. — embitt ter-ment embitter flavor. — embitt ter-ment embitter flavor. — embitt ter-ment embitter flavor. — embitter flavor. — embitter flavor.

set on fire. 2. To cause to glow; light up.
em-blaze² (sm-blazo), r.u. -blazed, -blaz-ing, -blaze
chaic. 1. To emblazon. 2. To decorate lavishly.
em-blazozon (sm-blazon, z. z. zoned, -zon-ing).
1.a. To adom (a surface) richly with prominent
b. To inscribe (a prominent marking) on a surface;
a cross on a banner. 2. To make resplendent with
colors. 3. To make illustrious; celebrate. — em-blazon em-bla-zon-ry (em-blaz/an-re) n., pl. -ries. 1. The of emblazonne, 2. Colorful or prominent deoragemen blem (em/blem) n. 1. An object or a representantorions as a symbol. 2. A distinctive badge, despending - em·bla/zon·ment n.

The control of the co

em-broi-der (ém-broi/dər) v. -dered. -der-ing. -ders. - tr.

1. To onnament with needlework. 2. To make by means of needlework: embroider a design. 3. To add embellishments.

2. To add embellishments: [ME embrouderen, partly emproyeden; broiden; broiden; broiden; broiden; broiden; broiden; cambroidered < OE OFE: embrooder (en., intensive pref.; see as.u.) and partly < der, to embroider, of Gme. orig.).] - em-broi/der-er, ne-broi-der-er, pros. der-yen-broi-der-yen-broi-der-yen-broi-der-yen-broi-der-yen-broi-der-yen-broi-der-yen-broi-der-yen-broi-der-er, 2. Ornamentation of fabric with needlework.

3. A piece of embroidered-fabric. 4. Embellishment with far-citil details.

emblements

involve in argument, contention, or hostile actions. 2. To throw into confusion or disorder; entangle. [Fr. embrouiller: er., intensive pref.; see ex-1+ brouiller, to confuse (< OFr.; see arou²).] — em·broll/ment n. em·broll (em-broil/) #: brolled, -broll-ing, -broils.

em-brown (im-brown). True, browned, brown-ing. browns.

1. To make brown or dusky. Z. To darken.

1. To make brown or dusky. Z. To darken.

em-brue (im-broo') v. Var. of imbrue.

em-bryo (im-broo') v. Var. of imbrue.

stages of development, esp. before it has reached a recognizment, birth, or hardning. Za. The ferdiffied egg of a vertebrate
animal following cleavage. b. In human beings, the product of
conception from implantation through the eighth week of development. 3. Bot. The radimentary plant contained within a seed or an archegonium. 4. A rudimentary or beginning stage. [Med.Lat. embryō < Gk. embruon : en., in; see Ev-2 +

bruein, to be full to bursing.]

em-bryo-opene-sis (the bre-d-jen/f-sis) also em-bry-ogene-bryo.

ery (-si/-ne) n. The development and growth of an em-bryo.

em-bryo.—em-bry-o-gen/fe (-jen/fk), em/bry-o-ge-net/fe
(-6-jenefr/fk) adj

that deals with the formation, early growth, and development of living organisms. 2. The embryonic structure or development ment of a particular organism. — em'bry-o-log'le (-3-loj'l.), em'bry-o-log'le-cal-ty adu. em bry of ogy (em/bre of/ o je) n. 1. The branch of biology -em'bry-ol/o-gist n.

na) ad. f. Of, relating to, or being an embryo. Z. Also em-bry-ot-it (-64/18). Rudimentary, incipient: an embryonic na-tion. — em bry-on/le-al-ity ade. em·bry·on·ic (ĕm² brē-on/ik) also em·bry·on·ai (ĕm² brē-ɔembryonic disk n. 1. A platelike mass of cells in the blastocyst

from which a mammalian embryo develops. 2. See germinal

dosely associated with or surrounding a vertebrate embryo, embryonic shield n. See embryonic disk. 1.

which the embryo develops.

em see (Em'se') n. A master of ceremonies. — em'cee' v. eme suff A distinctive unit of linguistic structure; semanteme. Et. eme suff A distinctive unit of linguistic structure; semanteme. e-mend (findud) n. v. e-mend e-e. mend (findud) n. v. e-mend e-e. mends. embryonic membrane n. Any of the membranous structures

To improve by critical claims (Machael ing e-mends)

To improve by critical claims (Machael including electrical claims (Machael including electrical claims (Machael including electrical including electrical including electrical el

e-mer-gence (1-mür/jans) n. 1: The act or process of emerg-ing. 2. Bot. A superficial outgrowth of plant ussu. e-mer-gen-cy (f-mür/jan-se) n., pl. cles. 1. A serious situa-tion or occurrence that happens unexpectedly and demands

emergent

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